

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Our Docket No.: 6919.03

First Named Inventor: Michael R. Oldenburg

Title: RETROFITTABLE SEVERE DUTY SEAL FOR A SHAFT

Express Mail No.: EV 325427380 US

## ADDRESS TO:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

322856 U.S. PTO  
10/781175

021804

## APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
3. ☒ Specification with Cover Sheet Total Pages: 29  
☒ Descriptive title of the invention  
☒ Cross Reference to Related Applications  
☐ Statement Re: Fed. Sponsored R&D  
☒ Background of the Invention  
☒ Brief Summary of the Invention  
☒ Brief Description of the Drawings  
☒ Detailed Description  
☒ Claims  
☒ Abstract of the Disclosure  
☒ References to Drawing Numbers
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 3
5. ☒ Oath or Declaration Total Pages: 1  
a. ☐ Newly Executed (original or copy)  
b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 19 completed)  
i. ☐ DELETION OF INVENTORS  
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☒ Information Disclosure Statement  
(with Copies of Citations as necessary)
14. ☐ Preliminary Amendment Total Pages:
15. ☐ Certified Copy of Priority document(s)  
(if foreign priority is claimed)
16. ☐ English Translation Document (if applicable)
17. ☒ Return Receipt Postcard  
(Should be specifically itemized)
18. ☒ Other  
☒ Check No. 983102 in the amount of \$1,364  
☐  
☐  
☐  
☐  
☐

## CONTINUATION APPLICATIONS

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

- ☒ Continuation  
☐ Division  
☐ Continuation-in-Part (CIP)

of PRIOR APPLICATION

application serial no. 10/173,250, filed 6/17/2002, which is a continuation of application serial no. 09/690,524, filed 10/17/2000 now U.S. Patent 6,406,026, which is a continuation of application serial no. 08/937,427, filed 9/25/1997, now U.S. Patent 6,186,507

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.

## CORRESPONDENCE ADDRESS

ADDRESS	CUSTOMER NUMBER <b>25763</b>	DORSEY & WHITNEY LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498	
TELEPHONE	612-340-8835	FAX	612-340-8856
Attorney Name: S. Wade Johnson		Reg. No. 50,873	
Signature: <i>S. Wade Johnson</i>		Date: 2-18-04	



23026 USE PTO

APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2004)

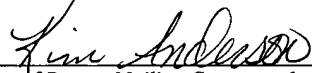
Complete if Known

Application No.	Not Yet Known
Filing Date	Herewith
First Named Inventor	Michael R. Oldenburg
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Atty. Docket Number	6919.03

METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																													
<p>1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 04-1420 Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>		<p><b>3. ADDITIONAL FEES</b></p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th><th>Fee paid</th></tr></thead><tbody><tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr><tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr><tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1,480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>2,010</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>770</td><td>385</td><td>Submission After Final 1.129</td><td></td></tr><tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr><tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>1,330</td><td>665</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr><tr><td>480</td><td>240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr><tr><td>770</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr><tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr><tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr><tr><td>1,330</td><td>665</td><td>Petition to Revive - unintentional</td><td></td></tr><tr><td colspan="2">OTHER FEE (specify)</td><td></td><td></td></tr><tr><td colspan="2">Subtotal (3)</td><td></td><td></td></tr><tr><td colspan="2">Total Amount of Payment:</td><td></td><td>\$1,364</td></tr></tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1,480	740	Extension for reply within fourth month		2,010	1,005	Extension for reply within fifth month		770	385	Submission After Final 1.129		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,330	665	Utility/Reissue Issue Fee (including advance copies)		480	240	Design Issue Fee (inc. advance copies)		770	385	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,330	665	Petition to Revive - unintentional		OTHER FEE (specify)				Subtotal (3)				Total Amount of Payment:			\$1,364
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Submitted by:

CUSTOMER NUMBER <b>25763</b>	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402
Name: S. Wade Johnson	Phone No.: (612) 340-8835	Fax No.: (612) 340-8856
Signature:	Reg. No.: 50,873	Date: 2-18-04

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No.
Applicant(s): Michael R. Oldenburg			6919.03
Serial No. Not Yet Known	Filing Date Herewith	Examiner Not Yet Known	Group Art Unit Not Yet Known
Invention: RETROFITTABLE SEVERE DUTY SEAL FOR A SHAFT			
<p>Form PTO/SB/08A (14 pages, submitted in duplicate); Information Disclosure Statement Under 1.97(b) (2); Spec w/Côver Sheet (29); Drwgs, FIGS. 1-4 (3);</p> <p>I hereby certify that this <u>Appln Transmtl (1); Fee Transmtl (1); Appln Data Sheet (2); Copy of Decl (1);</u> Check #983102; <i>(Identify type of correspondence)</i> Rcpt Pstcrd is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.</p> <p>20231-0001 on <u>18 February 2004</u> <i>(Date)</i></p> <p><u>Kim Anderson</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p> <p><u>EV 325427380 US</u> <i>("Express Mail" Mailing Label Number)</i></p>			
<p>Note: Each paper must have its own certificate of mailing.</p>			